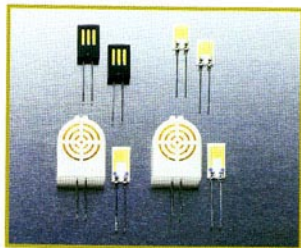


Humidity Sensor Units SYH-2, SYH-2s

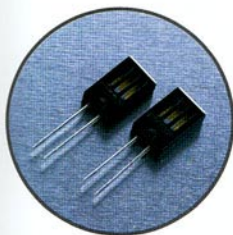


Humidity is an important factor in personal comfort and in quality control for materials, machinery etc.

Specifications

Items	SYH-2, SYH-2s
Rated voltage	AC 1V _{RMS} (10%)
Rated power	AC 0.22mW
Operating temperature	0~60℃
Operating humidity	20 ~ 95%RH
Standard characteristics	33kΩ (at 25℃, 60%RH)
Storage temperature	-30 ~ 85℃
Storage humidity	Within 95%RH
Humidity accuracy	±5%RH (at 25℃, 60%RH) ^{*1)}
Humidity response time	<60 sec. (40 → 80%RH)
Hysteresis	±2%RH (40 → 80%RH)

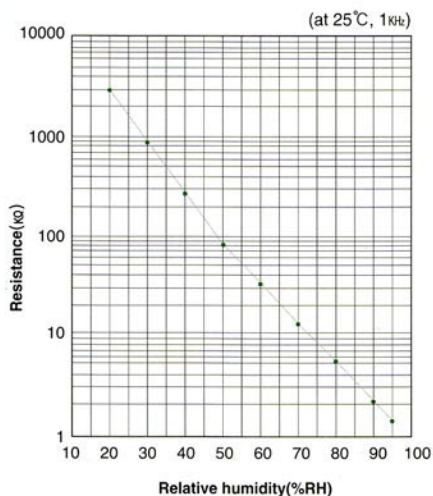
^{*1)} possible to ±2%RH by customer requirement



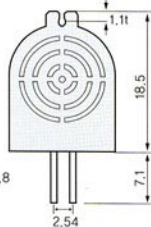
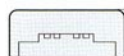
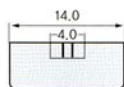
Standard Characteristics

%RH	Spec.(kΩ)
	SYH-2, SYH-2s
20	2890
30	900
40	270
50	81
60	33
70	13
80	5.3
90	2.2
95	1.5

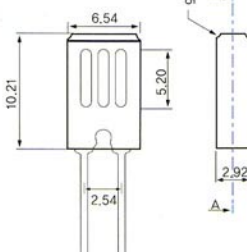
Characteristics Curve



Dimensions (Unit : mm)



SYH-2



SYH-2s